

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035517.D
 Acq On : 03 May 2023 18:07
 Operator : JC/MD
 Sample : 02597-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230503

Quant Time: May 04 04:01:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

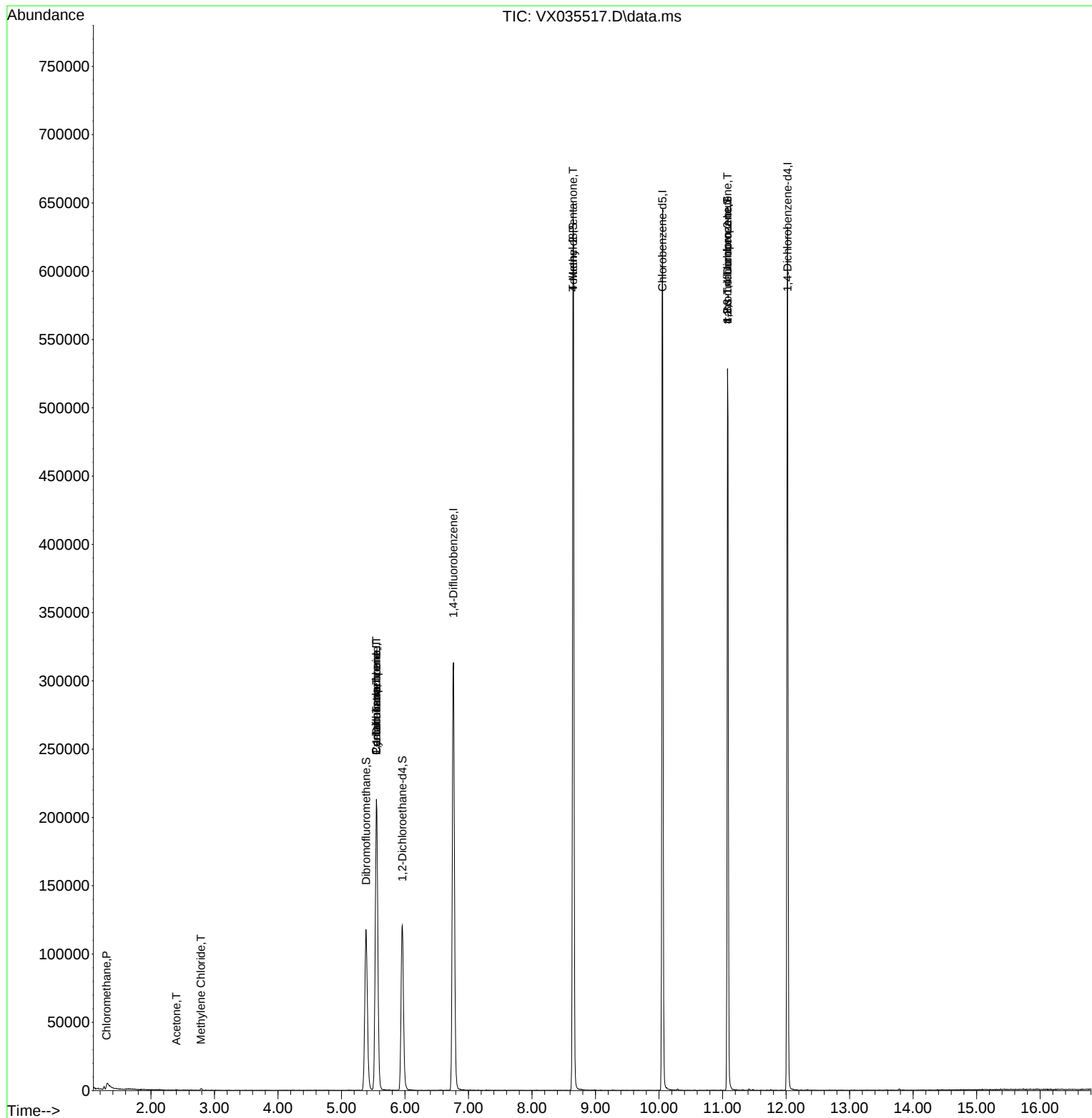
Internal Standards						
1) Pentafluorobenzene	5.550	168	206145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121564	48.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.760%
35) Dibromofluoromethane	5.385	113	104012	50.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.940%
50) Toluene-d8	8.647	98	388472	50.467	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	147439	50.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	413	0.208	ug/l #	42
16) Acetone	2.398	43	537	0.497	ug/l #	44
20) Methylene Chloride	2.788	84	662	0.267	ug/l #	75
31) Cyclohexane	5.550	56	3780	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14637	4.594	ug/l #	50
38) Carbon Tetrachloride	5.550	117	19980	6.606	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1378	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71851	26.050	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	71851	84.371	ug/l #	8

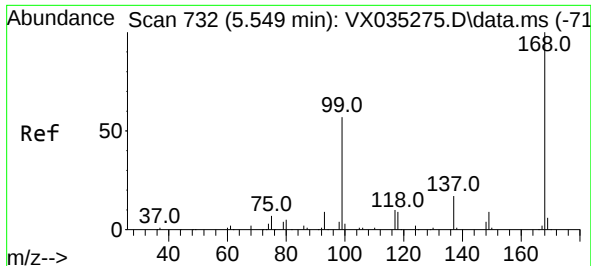
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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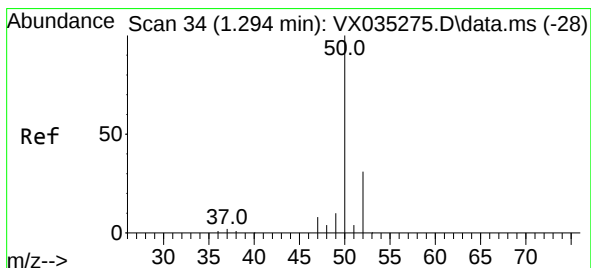
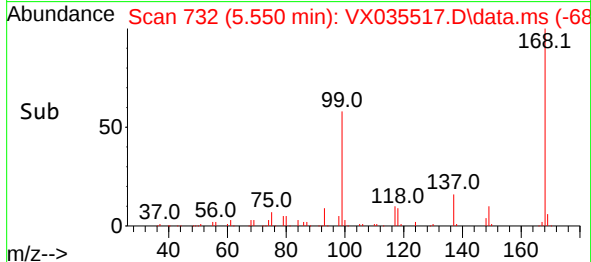
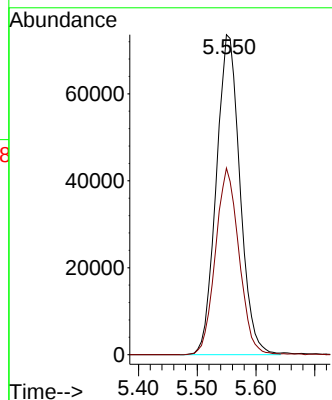
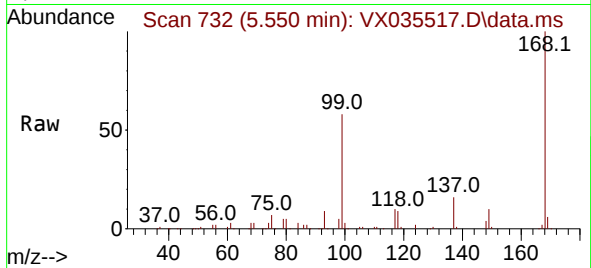




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

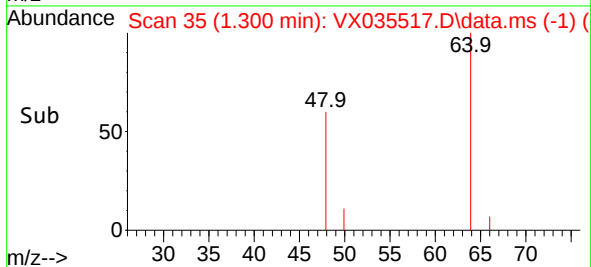
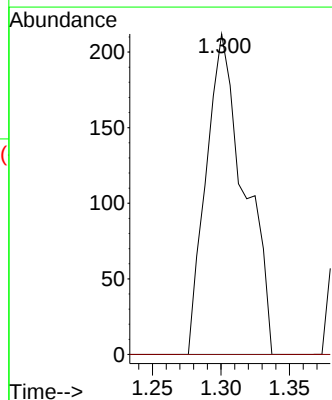
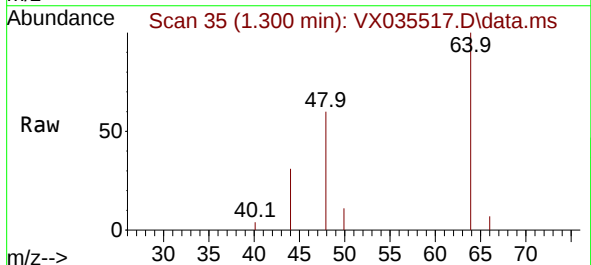
Instrument :
MSVOA_X
ClientSampleId :
TB-20230503

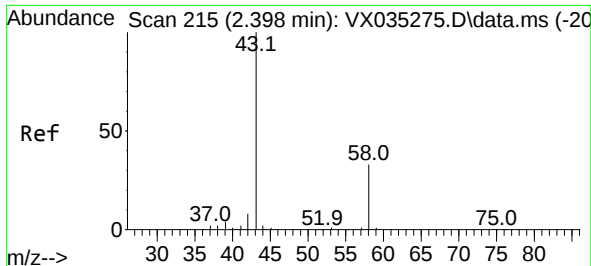
Tgt Ion:168 Resp: 206145
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

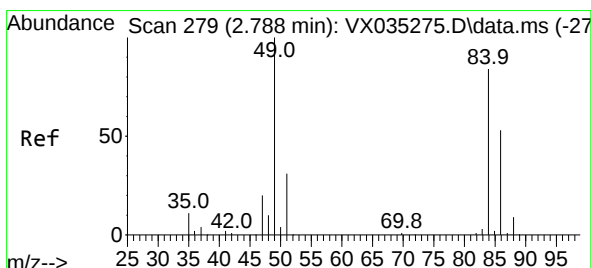
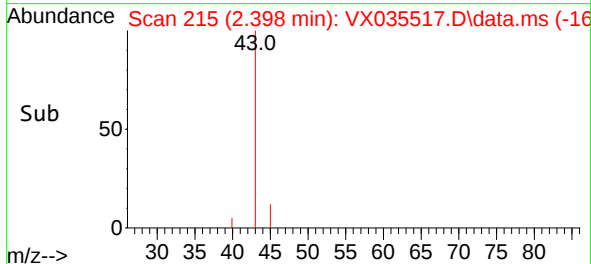
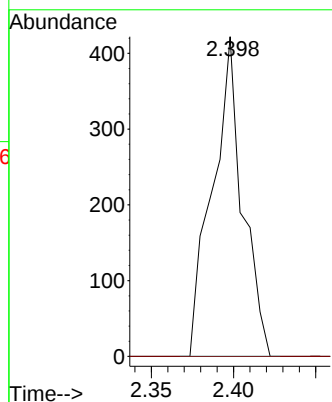
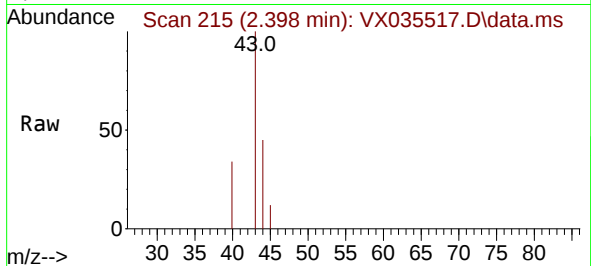




#16
Acetone
Concen: 0.497 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

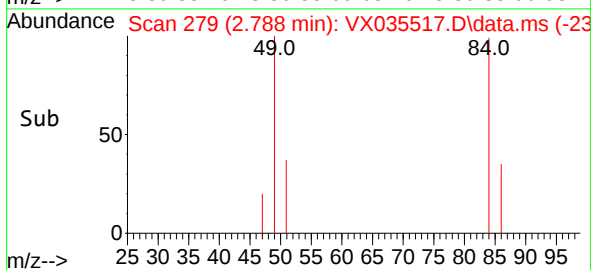
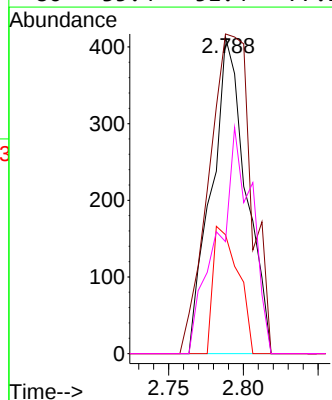
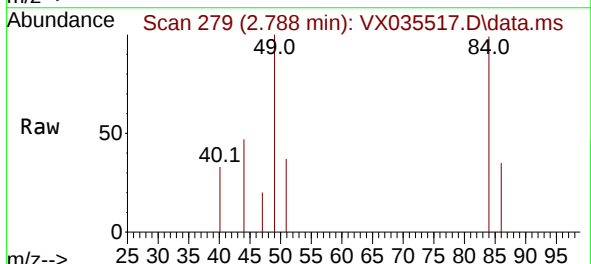
Instrument :
MSVOA_X
ClientSampleId :
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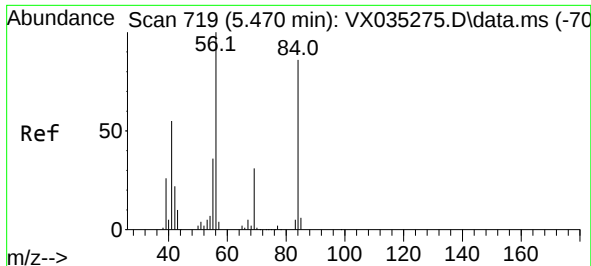
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

Tgt Ion: 84 Resp: 662
Ion Ratio Lower Upper
84 100
49 101.0 103.8 155.8#
51 37.5 31.8 47.8
86 35.4 51.4 77.2#

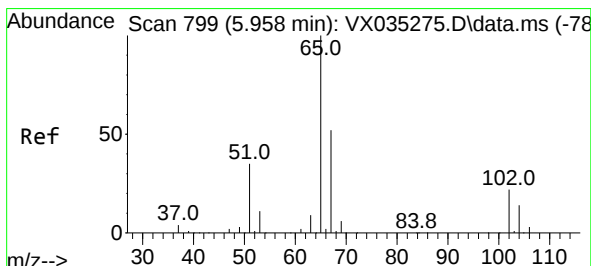
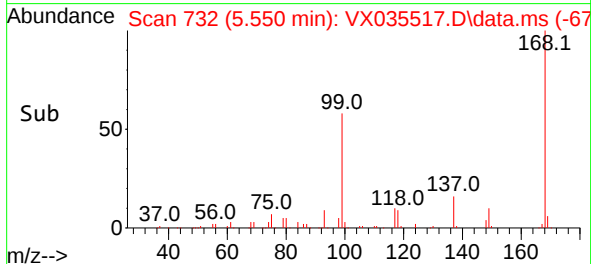
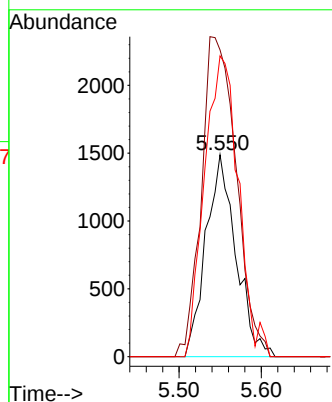
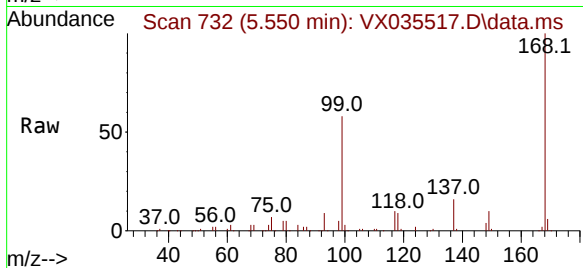




#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

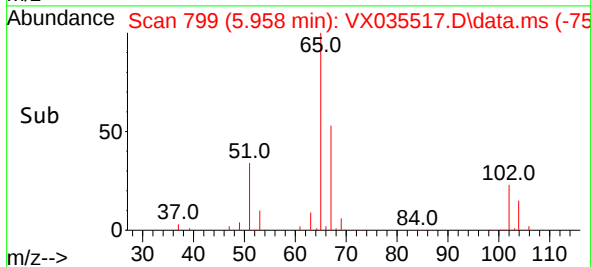
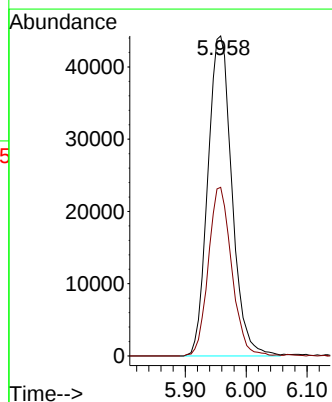
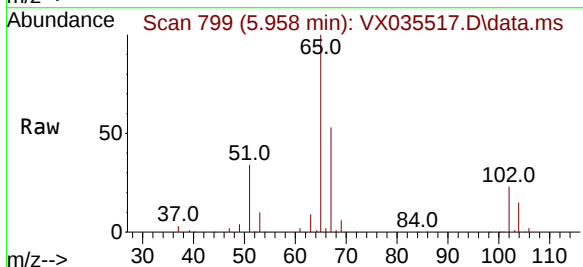
Instrument :
MSVOA_X
ClientSampleId :
TB-20230503

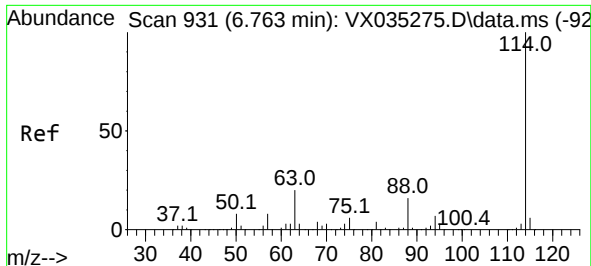
Tgt Ion: 56 Resp: 3780
Ion Ratio Lower Upper
56 100
69 151.9 23.7 35.5#
84 149.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.879 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

Tgt Ion: 65 Resp: 121564
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

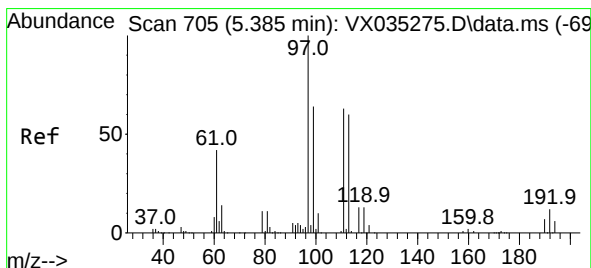
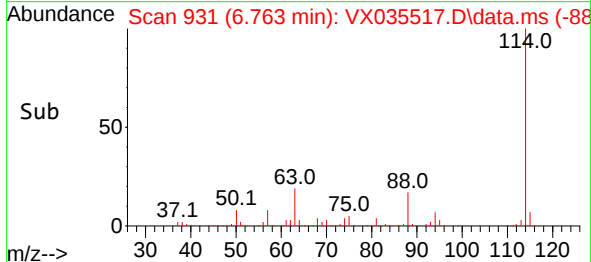
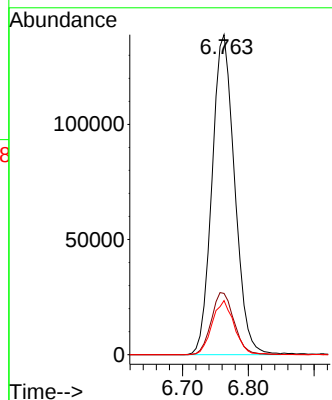
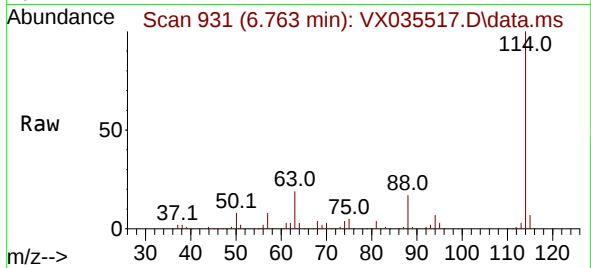




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035517.D
 Acq: 03 May 2023 18:07

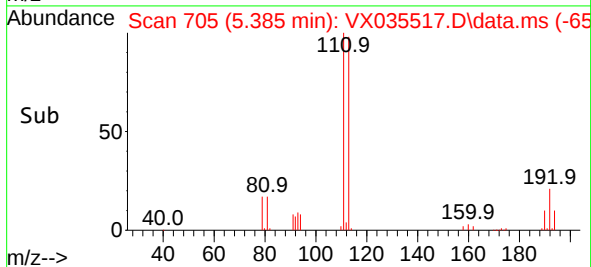
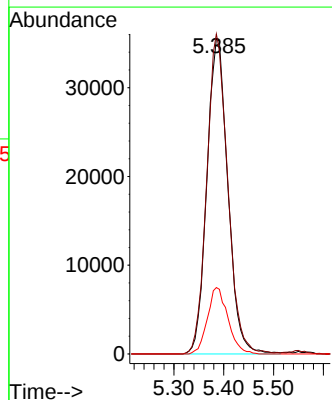
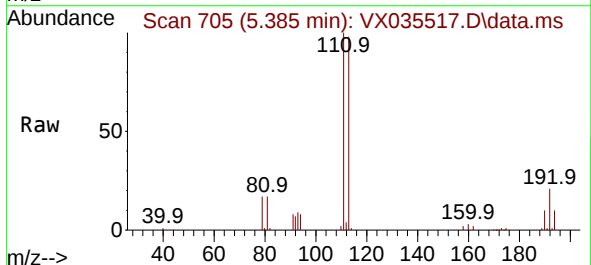
Instrument :
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 ClientSampleId :
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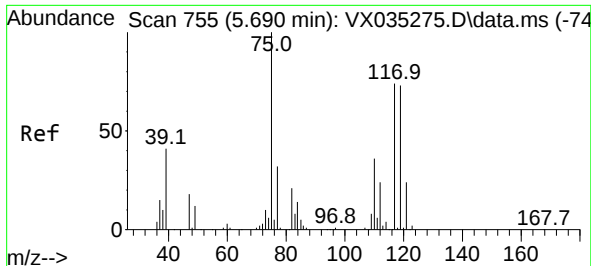
Tgt Ion:114 Resp: 332458
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.2
 88 16.9 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.973 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035517.D
 Acq: 03 May 2023 18:07

Tgt Ion:113 Resp: 104012
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.7 125.5
 192 20.5 15.4 23.2

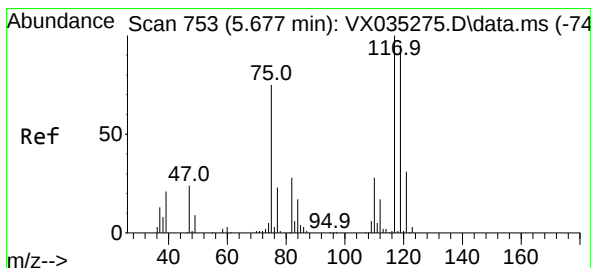
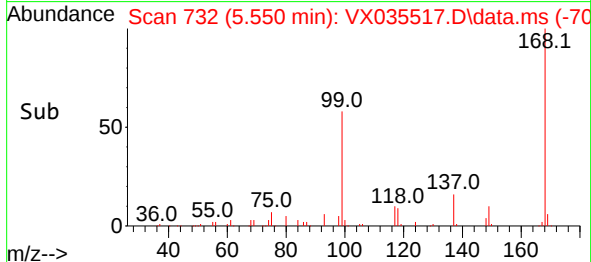
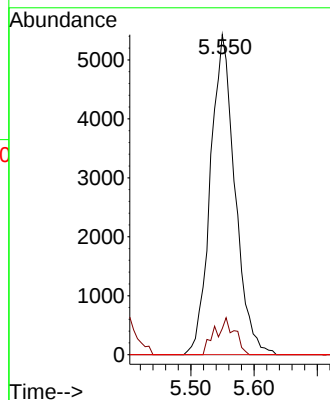
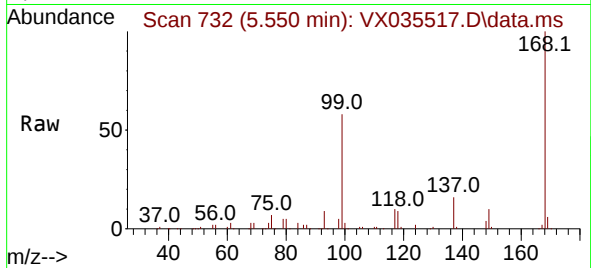




#36
 1,1-Dichloropropene
 Concen: 4.594 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX035517.D
 Acq: 03 May 2023 18:07

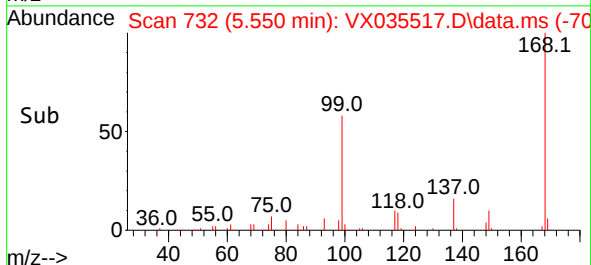
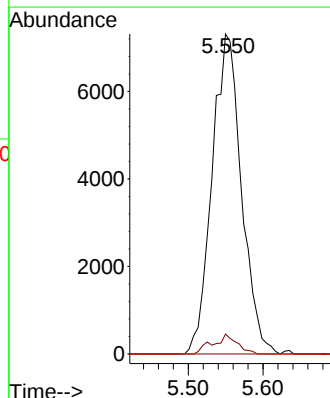
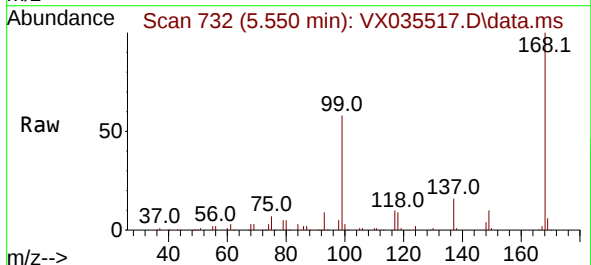
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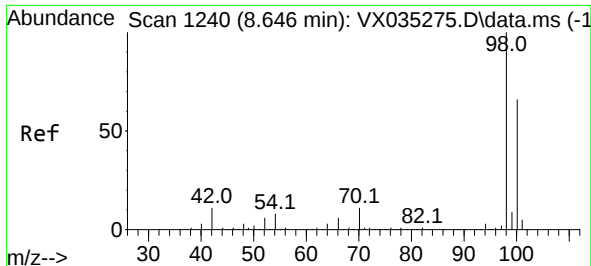
Tgt Ion: 75 Resp: 14637
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.606 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX035517.D
 Acq: 03 May 2023 18:07

Tgt Ion: 117 Resp: 19980
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.6 114.8#
 121 0.0 23.8 35.6#

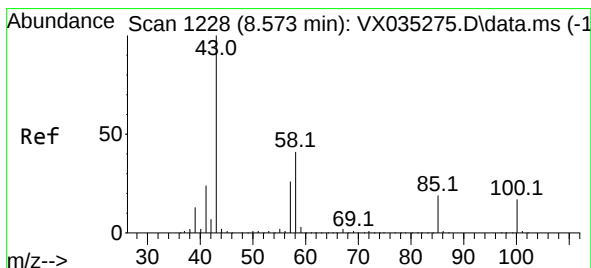
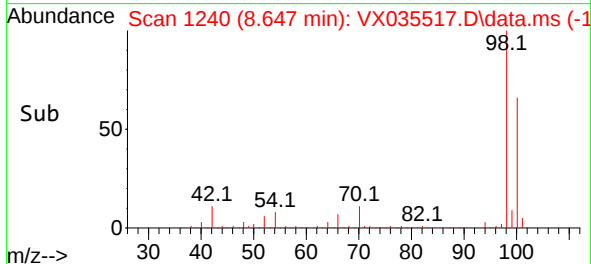
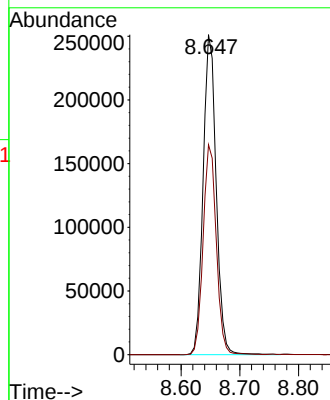
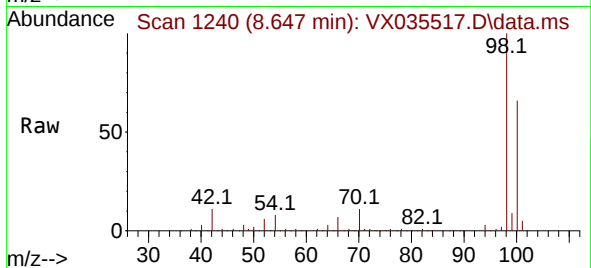




#50
Toluene-d8
Concen: 50.467 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

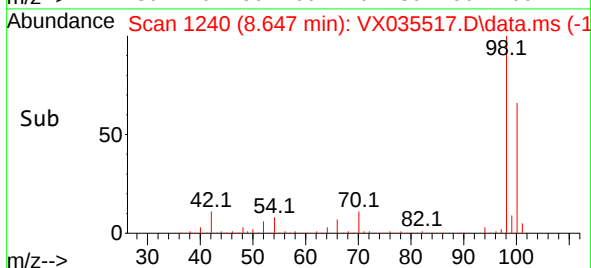
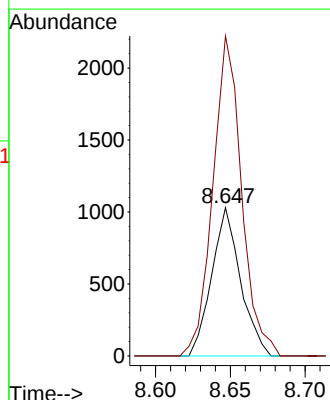
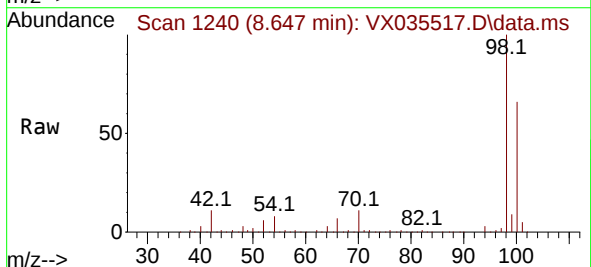
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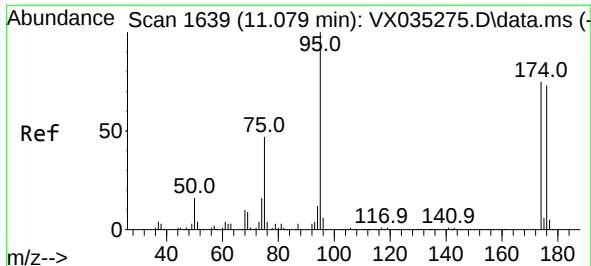
Tgt Ion: 98 Resp: 388472
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035517.D
Acq: 03 May 2023 18:07

Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 215.2 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 50.917 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035517.D

Acq: 03 May 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

TB-20230503

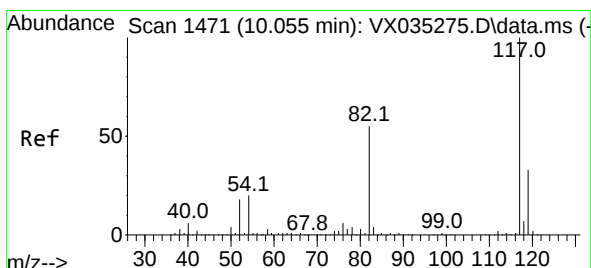
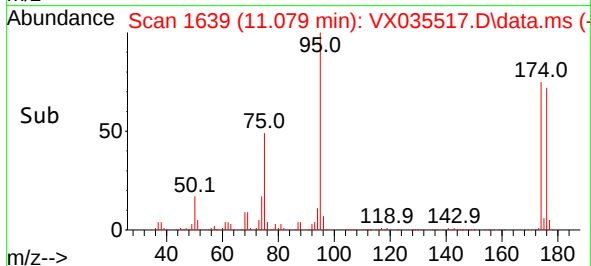
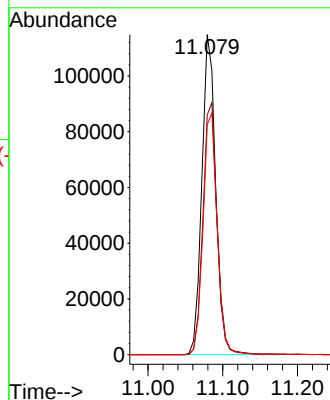
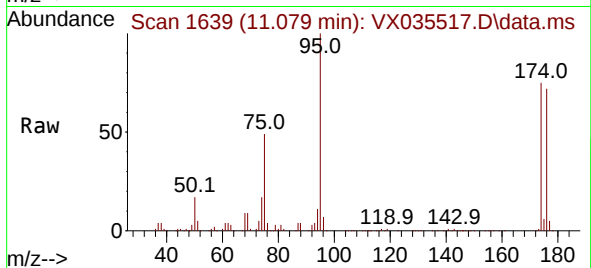
Tgt Ion: 95 Resp: 147439

Ion Ratio Lower Upper

95 100

174 80.8 0.0 147.4

176 77.3 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035517.D

Acq: 03 May 2023 18:07

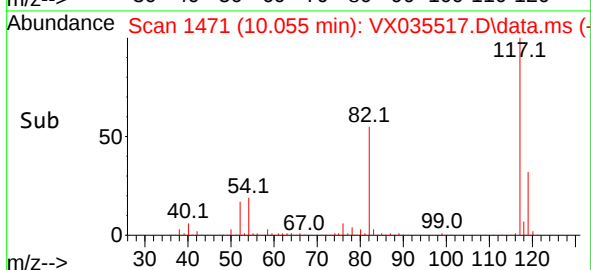
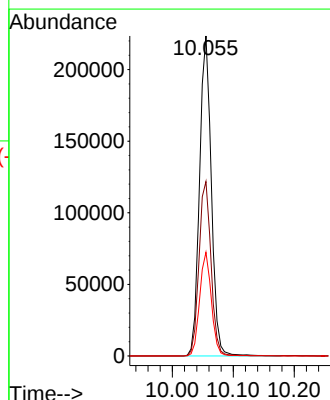
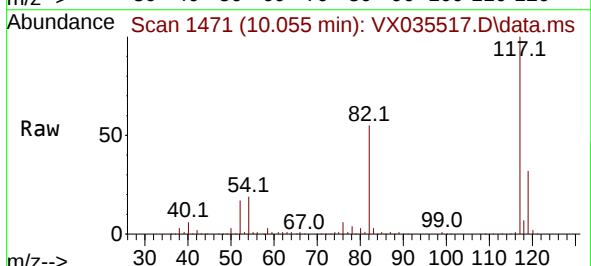
Tgt Ion: 117 Resp: 300564

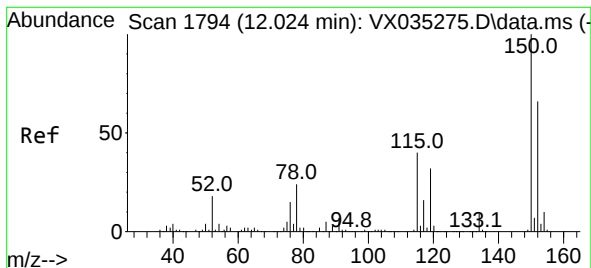
Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035517.D

Acq: 03 May 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

TB-20230503

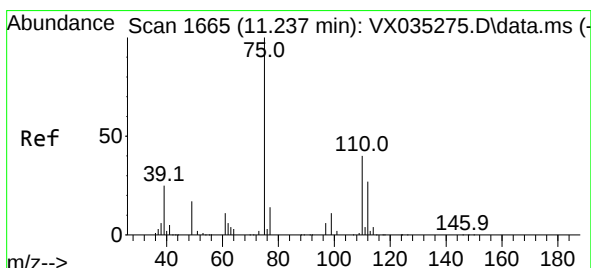
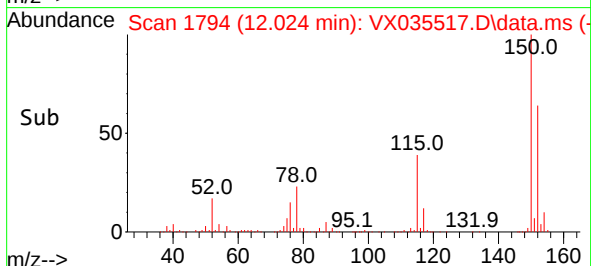
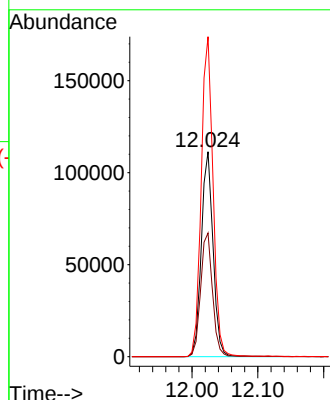
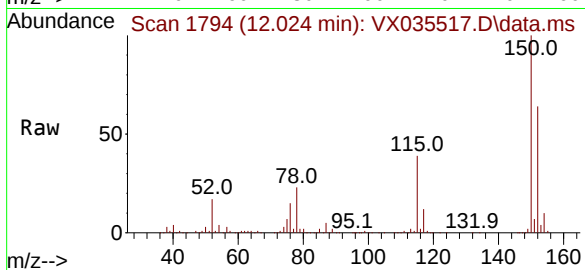
Tgt Ion:152 Resp: 138272

Ion Ratio Lower Upper

152 100

115 61.3 45.0 135.0

150 156.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 26.050 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035517.D

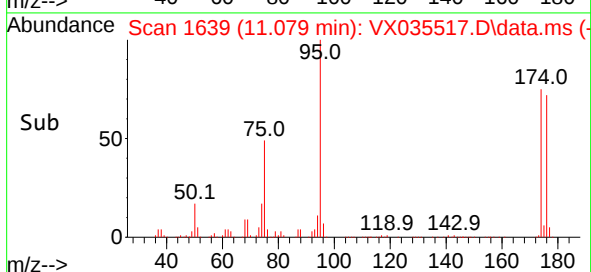
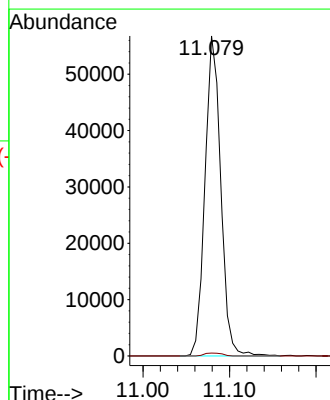
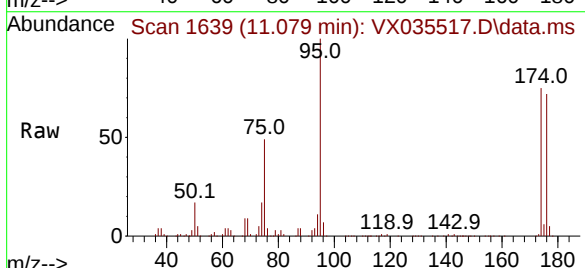
Acq: 03 May 2023 18:07

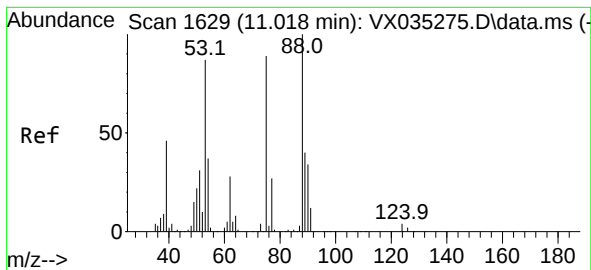
Tgt Ion: 75 Resp: 71851

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.371 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035517.D
 Acq: 03 May 2023 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230503

Tgt Ion: 75 Resp: 71851
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

